MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2015/2016

BAD2014 – ANALYSIS AND DESIGN OF E - COMMERCE SYSTEMS

(All sections / Groups)

9 MARCH 2016
2.30 p.m. - 4.30 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of 3 pages (including cover page).
2. Answer all questions. All questions carry equal marks.
3. Please write all your answers in the answer booklet provided.

Question 1 (25 Marks)

Project manager makes project goals and use their skills and expertise to inspire a sense of shared purpose within the project team.

Describe skills and activities of a project manager during

A. Project initiation (7 Marks)
B. Planning (6 Marks)
C. Execution (6 Marks)
D. Closedown (6 Marks)

Question 2 (25 Marks)

A. A project's feasibility is assessed in various categories such as *economic, operational, technical, schedule, political, legal and contractual.*
Briefly explain the different types of project feasibility factors. Is any factor most important? Why or why not? (15 Marks)

B. What is a data-flow diagram? Why do systems analysts use data-flow diagrams? (10 Marks)

Question 3 (25 Marks)

A. Organizations use a systems development methodology to develop and support their information systems. A systems development life cycle (SDLC) is a common methodology for systems development.

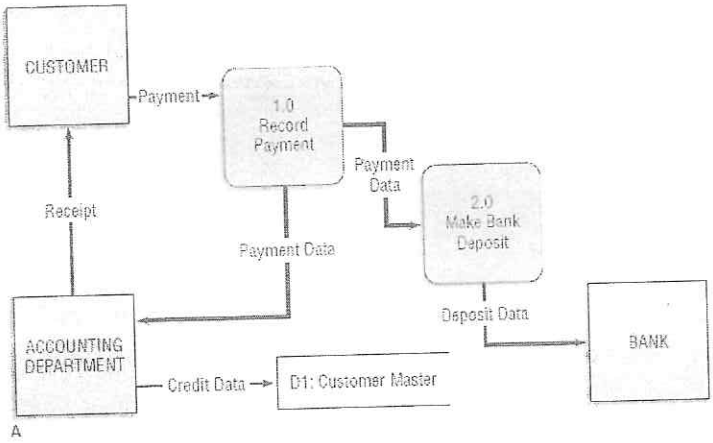
As a system analyst explain your understanding of activities involved in different phases of the systems development life cycle. (12 Marks)

B. A car is a system with several subsystems, including the braking subsystem, the electrical subsystem, the engine, the fuel subsystem, the climate-control subsystem, and the passenger subsystem. Draw a diagram of a car as a system and label all of its system characteristics. (13 Marks)

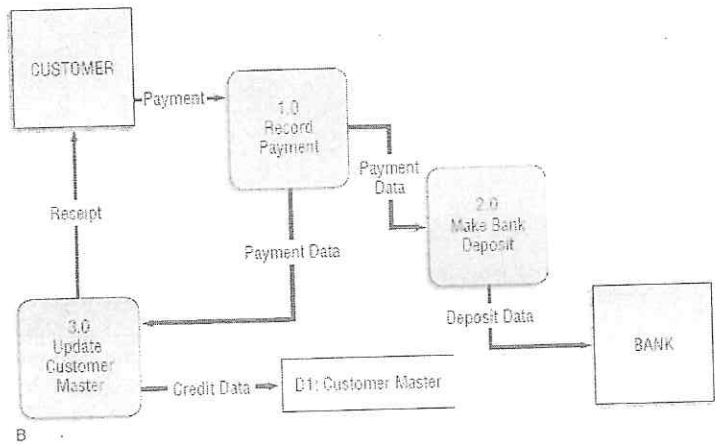
Continued...

Question 4 (25 Marks)

A. Identify the incorrectly drawn data flow diagram from the given diagrams. State why is it incorrect. (5 Marks)



A



B

B. Develop a data flow diagram for Burger King Automated Food Ordering System. You need to provide

i. Context Level Diagram (10 Marks)

ii. Level 1 Diagram (10 Marks)

End of Page